



PTO/SB/08A (04-03)

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	5
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Complete if Known

Application Number	10/823,432
Filing Date	04/13/2004
First Named Inventor	Scott Baron
Art Unit	
Examiner Name	
Attorney Docket Number	PC18327A

U. S. PATENT DOCUMENTS

[illegible]

Examiner Signature	/Kelaginamane Hiriyanne/	Date Considered	11/03/2006
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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	10/823,432
				Filing Date	April 13, 2004
				First Named Inventor	Scott Baron
				Group Art Unit	
				Examiner Name	
Sheet	2	of	5	Attorney Docket Number	PC18327A

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KH		McLean MJ et al "Gabapentin as add-on therapy in refractory partial epilepsy" Neurol. 1993;43:2292-2298	
		Field et al "Pregabalin may represent a novel class of anxiolytic agents with a broad spectrum of activity" Br. J. Pharmacol. 2001; 132:1-4	
		Mauri MC et al "Gabapentin and the prophylaxis of bipolar disorders in patients intolerant to lithium" Clin. Drug invest. 2001;21(3):169-174	
		Takasaki I. et al "Gabapentin antinociception in mice with acute herpetic pain induced by herpes simplex virus infection" Pharmacol. Exp. Ther. 2001;296(2):270-275	
		Bauer CA and Brozoski TJ "Assessing tinnitus and prospective tinnitus therapeutics using a psychophysical animal model" JARO 2001;2/1:54-64	
		Mathew NT et al "Efficacy of gabapentin in migraine prophylaxis" Headache 2001;41:119-128	
		Loprinzi CL et al "Pilot evaluation of gabapentin for treating hot flashes" Mayo Clin. Proc. 2002;77(11):1159-1163	
		Brown JP and Gee NS "Cloning and deletion mutagenesis of the alpha2delta calcium channel subunit from porcine cerebral cortex" J. Biol. Chem. 1998;273:25458-25465	
		Gong HC et al "Tissue-specific expression and gabapentin-binding properties of calcium channel alpha2delta subunit subtypes" J. Membrane Biol. 2001;184:35-43	
		Brodbeck J et al "The ducky mutation in cacna2d2 results in altered purkinje cell morphology and is associated with the expression of a truncated alpha2delta-2 protein with abnormal function" J. Biol. Chem. 2002;277(10):7684-7693	
↓		Brill J et al "Entla, a novel CACNA2D2 mouse mutant" Society for neuroscience, 2002, Abstract, Program No. 619.3	

Examiner Signature	/Kelaginamane Hiriyanna/	Date Considered	11/03/2006
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				Application Number	10/823,432
				Filing Date	April 13, 2004
				First Named Inventor	Scott Baron
				Group Art Unit	
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Sheet	3	of	5	Attorney Docket Number	PC18327A

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
KH		Stefani A et al "The effects of gabapentin on different ligand-and voltage-gated currents in isolated cortical neurons" Epilepsy Research 2001;43(3)239-238	
		Ng GY et al "Gamma-aminobutyric acid type B receptors with specific heterodimer composition and postsynaptic actions in hippocampal neurons are targets of anticonvulsant gabapentin action" Mol. Pharmacol. 2001;59(1):144-152	
		Wang M et al "Structural requirement of the calcium-channel subunit alpha2delta for gabapentin binding" Biochem. J. 1999;342:313-320	
		Brown JP et al "Isolation of the [3H]gabapentin-binding protein/alpha2delta Ca2+ channel subunit from porcine brain: development of a radioligand binding assay for alpha2delta subunits using [3H]leucine" Anal. Biochem. 1998;255(2):236-243	
		Steele PM et al "Using genetic mutations to study the neural basis of behavior" Cell 1998;95(7):879-882	
		Anantharaman V and Aravind L "Cache-a signaling domain common to animal Ca2+-channel subunits and a class of prokaryotic chemotaxis receptors" Trends Biochem. Sci. 2000;25(11):535-537	
		Hain HS et al "Rapid assessment of operant learning and memory in mice" Society for Neuro. Annual Meeting Abs. 336.12	
		Lotarski SM et al "Characterization of the anxiolytic-like activity and side effects of pregabalin in mice" Society for Neuro. Annual Meeting Abs. 396.8	
		Krall et al "Antiepileptic drug development: II. Anticonvulsant drug screening" Epilepsia 1978;19(4):409-428	
		Bork P and Rohde K "More von Willebrand factor type A domains? Sequence similarities with malaria thrombospondin-related anonymous protein, dihydropyridine-sensitive calcium channel and inter-alpha-trypsin inhibitor" Biochem. J. 1991;279(3):908-910	
		Wattler, S. et al "Construction of gene targeting vectors from lambdaKOS genomic libraries" Bio Techniques 1999;26:1150-1160	

Examiner Signature	/Kelaginamane Hiriyanna/	Date Considered	11/03/2006
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KH		ACCESSION: M76559; DEFINITION: Human neuronal DHP-sensitive, voltage-dependent, calcium channel alpha-2b subunit mRNA, complete cds.	
		ACCESSION: U73483; DEFINITION: Mus musculus voltage-gated calcium channel alpha2/delta subunit, alpha2a isoform mRNA, complete cds.	
		ACCESSION: U73484; DEFINITION: Mus musculus voltage-gated calcium channel alpha2/delta subunit, alpha2b isoform mRNA, complete cds.	
		ACCESSION: U73485; DEFINITION: Mus musculus voltage-gated calcium channel alpha2/delta subunit, alpha2c isoform mRNA, complete cds.	
		ACCESSION: U73486; DEFINITION: Mus musculus voltage-gated calcium channel alpha2/delta subunit, alpha2d isoform mRNA, complete cds.	
		ACCESSION: U73487; DEFINITION: Mus musculus voltage-gated calcium channel alpha2/delta subunit, alpha2e isoform mRNA, complete cds.	
		ACCESSION: M86621; DEFINITION: Rat dihydropyridine-sensitive L-type calcium channel alpha-2 subunit (CCHL2A) gene, complete cds.	
		ACCESSION: AF077665; DEFINITION: Sus scrofa voltage-dependent calcium channel alpha-2 delta subunit precursor, mRNA, complete cds.	
		ACCESSION: AJ251368; DEFINITION: Homo sapiens mRNA for for calcium channel, alpha 2/delta subunit 2 (CACNA2D2 gene), splice variant alpha2delta-2b.	
		ACCESSION: AJ251367; DEFINITION: Homo sapiens mRNA for for calcium channel, alpha 2/delta subunit 2 (CACNA2D2 gene), splice variant alpha2delta-2a.	
↓		ACCESSION: AB011130; DEFINITION: Homo sapiens mRNA for KIAA0558 protein, partial cds.	

Examiner Signature	/Kelaginamane Hiriyanna/	Date Considered	11/03/2006
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Sheet	5	of	5	Attorney Docket Number	PC18327A

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KH		ACCESSION: NM_006030; DEFINITION: Homo sapiens calcium channel, voltage-dependent, alpha 2/delta subunit 2 (CACNA2D2), mRNA.	
		ACCESSION: AF040709; DEFINITION: Homo sapiens putative tumor suppressor gene 26 protein alpha 2 delta calcium channel subunit mRNA, complete cds.	
		ACCESSION: AF042792; DEFINITION: Homo sapiens alpha 2 delta calcium channel subunit isoform I mRNA, complete cds.	
		ACCESSION: AF042793; DEFINITION: Homo sapiens alpha 2 delta calcium channel subunit isoform II mRNA, complete cds.	
		ACCESSION: AF247139; DEFINITION: Mus musculus voltage-dependent calcium channel alpha-2-delta-2 subunit (Cacna2d2) mRNA, complete cds.	
		ACCESSION: AF247141; DEFINITION: Mus musculus voltage-dependent calcium channel alpha-2-delta-2 mutant subunit 2 (Cacna2d2) mRNA, complete cds.	
		ACCESSION: AB093246; DEFINITION: Mus musculus mRNA for mKIAA0558 protein.	
		ACCESSION: AK044603; DEFINITION: Mus musculus adult retina cDNA, RIKEN full-length enriched library, clone:A930026F23 product:calcium channel, voltage-dependent, alpha 2/delta subunit 2, full insert sequence.	
V		ACCESSION: AF486277; DEFINITION: Rattus norvegicus calcium channel alpha-2 delta-2 subunit mRNA, complete cds.	

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